





# C-Link

## *Die komplette Lösung für das Remote Management für CIMA Geräte*

### Fernzugriff

- für einfache Interventionsbehandlung und Wartung/Update
- für Transaktionsüberwachungen
- für die Kontrolle von Füllbeständen
- für das Sicherheitsmanagement und die Berechtigungsdefinitionen
- für ausführliche Berichte und Reportings der Geräte und Transaktionen
- u.v.m

# C-Link Module

| Software Module  | Features   |
|--|--|
| <p><b>Service und Update Management</b></p>           | <ul style="list-style-type: none"> <li>• Remote Update der Gerätefirmware</li> <li>• Fernaktualisierung der Erkennungssensor-Firmware und -Vorlagen</li> <li>• Fernüberwachung des Gerätestatus (Fehlercodes, Diagnosebilder usw.)</li> <li>• Herunterladen von Protokollen (Log-Daten, Zustand etc.)</li> </ul> <p>(&gt; benötigt)</p>  |
| <p><b>Cash-flow Management</b></p>                    | <ul style="list-style-type: none"> <li>• Fernüberwachung des Geräteinhalts</li> <li>• Transaktions- und Zugangsberichte</li> <li>• Transaktions- und Zugangsstatistik</li> </ul> <p>(&gt; empfohlen)</p>   |
| <p><b>Security und Konfigurations-Management</b></p>  | <ul style="list-style-type: none"> <li>• Fernkonfiguration der Bestände von Stückelungen</li> <li>• Fernkonfiguration der Gerätesicherheitsparameter (Verzögerungen, Alarme, Betriebsphasen)</li> <li>• Remote Sperren / Entsperrn des Geräts</li> <li>• Remote Verteilung der Gerätekonfigurationen und Berechtigung-ID z.B. vom Server aus und auf weitere Geräte</li> </ul> |
| <p><b>Fitness statistics</b></p>                    | <ul style="list-style-type: none"> <li>• Erstellung des Berichts über fit und unfit Banknoten gemäss EZB Verordnung vom 22.03.2012.</li> </ul> <p>(&gt; für WTU empfohlen)</p>   |

# Web-basierendes User interface



# Status Monitoring

**Devices status monitoring**

Search:

Reload Add folder

| Device   | Status | Workplace | Last update | Last agent's message |
|----------|--------|-----------|-------------|----------------------|
| AST00001 | Ok     | AST00001  | 3/23/2015   | 3/13/2015            |
| AST00002 | Ok     | AST00002  | 3/23/2015   | 3/13/2015            |
| AST00003 | Ok     | AST00003  | 3/23/2015   | 3/13/2015            |
| CDS02232 | Ok     | CDS02232  | 3/23/2015   | 3/13/2015            |
| SDM00389 | Ok     |           |             |                      |
| SDM01422 | Ok     |           |             |                      |
| SDM01453 | Ok     |           |             |                      |

**AST00001** (Global status: Ok)

**Model:** AST 7000NT-R5  
**Sensor:** CIMA BV5000  
Last update: 2015-03-24 08:53:59  
C-Link Agent: 3.6.0.6  
Last agent's message : 2015-03-13 10:09:23  
Software installed: CaosWWW 5.0.2 CaosPM 5.0.1

**Banknote device**  
Ok

# Remote Updates

|                                     | Device   | Status     | Model         | Sensor      | Firmware | Sensor firmware | Sensor templates | Agent version |
|-------------------------------------|----------|------------|---------------|-------------|----------|-----------------|------------------|---------------|
| <input checked="" type="checkbox"/> | All      | All        | All           | All         | All      | All             | All              | All           |
| <input checked="" type="checkbox"/> | AST00001 | Up to Date | AST 7000NT-R5 | CIMA BV5000 | 540      | BVCM107         | EUR110002        | 3.6.0.6       |
| <input checked="" type="checkbox"/> | AST00002 | Up to Date | AST 7016NT    | CIMA BV5000 | 854      | BVCM108         | CIM111000        | 3.6.0.6       |
| <input checked="" type="checkbox"/> | AST00003 | Up to Date | AST 7008S     | CIMA BV5000 | 890      | BVCM107         | EUR110002        | 3.6.0.6       |
| <input checked="" type="checkbox"/> | CDS02232 | Up to Date | CDS 707C      | G&D CR90    | 290      |                 | 009-08-02        | 3.6.0.6       |
| <input checked="" type="checkbox"/> | SDM00389 | Up to Date | SDM 503RH     | CIMA BV5000 | 134      | BVCM107         | CIM110000        | 3.6.0.6       |
| <input checked="" type="checkbox"/> | SDM01422 | Up to Date | SDM 500C      | CIMA BV5000 | 340      | BVCM107         | CIM110000        | 3.6.0.6       |
| <input checked="" type="checkbox"/> | SDM01453 | Up to Date | SDM 500S      | CIMA BV5000 | 378      | BVCM107         | CIM110000        | Unknown       |

- Refresh
- Check now
- Notifications
- Schedule
- Export data

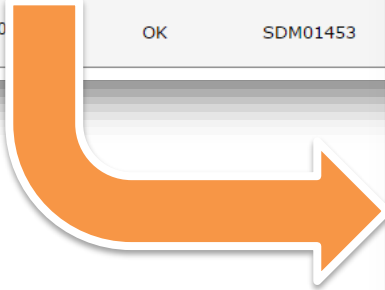


Update Programme

|                          | Device   | Hierarchy | Update Settings          |
|--------------------------|----------|-----------|--------------------------|
| <input type="checkbox"/> | AST00001 | \         | Weekly@ 12:00 AM Monday, |
| <input type="checkbox"/> | AST00002 | \         | Weekly@ 12:00 AM Monday, |
| <input type="checkbox"/> | AST00003 | \         | Weekly@ 12:00 AM Monday, |
| <input type="checkbox"/> | CDS02232 | \         | Weekly@ 12:00 AM Monday, |
| <input type="checkbox"/> | DEMO001  | \         | Weekly@ 12:00 AM Monday, |
| <input type="checkbox"/> | SDM00389 | \         | Weekly@ 12:00 AM Monday, |
| <input type="checkbox"/> | SDM01422 | \         | Weekly@ 12:00 AM Monday, |
| <input type="checkbox"/> | SDM01453 | \         | Weekly@ 12:00 AM Monday, |

# Inhalts-Überwachung

| Device   | Status | Workplace | Last update | Total Banknotes | Total Coins | Bag Full % |         |
|----------|--------|-----------|-------------|-----------------|-------------|------------|---------|
| AST00001 | OK     | AST00001  | 3/23/2015   | Empty           | Empty       | 0%         | Details |
| AST00002 | OK     | AST00002  | 3/23/2015   | 2535 EUR        | 90.53 EUR   | 0%         | Details |
| AST00003 | OK     | AST00003  | 3/23/2015   | 12705 EUR       | Empty       | 1%         | Details |
| CDS02232 | OK     | CDS02232  | 3/23/2015   | 7200 EUR        | Empty       | 1%         | Details |
| SDM00389 | OK     | SDM00389  | 3/23/2015   | 500 CIM         | 30.83 EUR   | 0%         | Details |
| SDM01422 | OK     | SDM01422  |             |                 |             |            |         |
| SDM01453 | OK     | SDM01453  |             |                 |             |            |         |



### Device Selected SDM01422

**Filters**

Type:  Content Type:  Currency:

**Total**

| Type | Currency              | Denomination | Pieces | Value      |
|------|-----------------------|--------------|--------|------------|
|      | CIM                   | 100          | 3      | 300        |
|      | CIM                   | 500          | 1      | 500        |
|      | <b>Total currency</b> |              |        | <b>800</b> |

# Konfiguration der Denominationen

Device Selected **AST00001** ✕

| Actual configuration  | Configuration to apply   | Denominations  |
|---|--|--|
| <b>Roll 1</b><br>-----<br>EUR 5<br>EUR 5 B<br>-----<br><b>Roll 2</b><br>-----<br>EUR 50<br>-----<br><b>Roll 3</b><br>-----<br>EUR 10<br>EUR 10 B<br>-----<br><b>Roll 4</b><br>-----<br>EUR 50<br>-----<br><b>Roll 5</b><br>-----<br>EUR 20<br>-----<br><b>Roll 6</b><br>-----<br>EUR 100<br>-----<br><b>Roll 7</b><br>-----<br>EUR 200<br>-----<br><b>Roll 8</b><br>-----<br>EUR 500<br>----- | <b>Roll 1</b><br><input type="checkbox"/> Cash-in only<br><input type="checkbox"/> Surplus<br><input type="checkbox"/> Unfit<br><input type="checkbox"/> Suspect<br><input type="checkbox"/> Counterfeit<br>EUR 5<br>EUR 5 B<br>+<br>✕   | EUR<br>EUR 5<br>EUR 5 B<br>EUR 10<br>EUR 10 B<br>EUR 20<br>EUR 50<br>EUR 100<br>EUR 200<br>EUR 500 |
| <b>Roll 2</b><br>-----<br>EUR 50<br>-----<br><b>Roll 3</b><br>-----<br>EUR 10<br>EUR 10 B<br>-----<br><b>Roll 4</b><br>-----<br>EUR 50<br>-----<br><b>Roll 5</b><br>-----<br>EUR 20<br>-----<br><b>Roll 6</b><br>-----<br>EUR 100<br>-----<br><b>Roll 7</b><br>-----<br>EUR 200<br>-----<br><b>Roll 8</b><br>-----<br>EUR 500<br>-----  | <b>Roll 2</b><br><input type="checkbox"/> Cash-in only<br><input type="checkbox"/> Surplus<br><input type="checkbox"/> Unfit<br><input type="checkbox"/> Suspect<br><input type="checkbox"/> Counterfeit<br>EUR 50<br>+<br>✕             |  |
| <b>Roll 3</b><br>-----<br>EUR 10<br>EUR 10 B<br>-----<br><b>Roll 4</b><br>-----<br>EUR 50<br>-----<br><b>Roll 5</b><br>-----<br>EUR 20<br>-----<br><b>Roll 6</b><br>-----<br>EUR 100<br>-----<br><b>Roll 7</b><br>-----<br>EUR 200<br>-----<br><b>Roll 8</b><br>-----<br>EUR 500<br>-----   | <b>Roll 3</b><br><input type="checkbox"/> Cash-in only<br><input type="checkbox"/> Surplus<br><input type="checkbox"/> Unfit<br><input type="checkbox"/> Suspect<br><input type="checkbox"/> Counterfeit<br>EUR 10<br>EUR 10 B<br>+<br>✕ |  |
| <b>Roll 4</b><br>-----<br>EUR 50<br>-----<br><b>Roll 5</b><br>-----<br>EUR 20<br>-----<br><b>Roll 6</b><br>-----<br>EUR 100<br>-----<br><b>Roll 7</b><br>-----<br>EUR 200<br>-----<br><b>Roll 8</b><br>-----<br>EUR 500<br>-----  | <b>Roll 4</b><br><input type="checkbox"/> Cash-in only<br><input type="checkbox"/> Surplus<br><input type="checkbox"/> Unfit<br><input type="checkbox"/> Suspect<br><input type="checkbox"/> Counterfeit<br>EUR 50<br>+<br>✕             |  |
| <b>Roll 5</b><br>-----<br>EUR 20<br>-----<br><b>Roll 6</b><br>-----<br>EUR 100<br>-----<br><b>Roll 7</b><br>-----<br>EUR 200<br>-----<br><b>Roll 8</b><br>-----<br>EUR 500<br>-----   | <b>Roll 5</b><br><input type="checkbox"/> Cash-in only<br><input type="checkbox"/> Surplus<br><input type="checkbox"/> Unfit<br><input type="checkbox"/> Suspect<br><input type="checkbox"/> Counterfeit<br>EUR 20<br>+<br>✕             |  |
| <b>Roll 6</b><br>-----<br>EUR 100<br>-----<br><b>Roll 7</b><br>-----<br>EUR 200<br>-----<br><b>Roll 8</b><br>-----<br>EUR 500<br>-----  | <b>Roll 6</b><br><input type="checkbox"/> Cash-in only<br><input type="checkbox"/> Surplus<br><input type="checkbox"/> Unfit<br><input type="checkbox"/> Suspect<br><input type="checkbox"/> Counterfeit<br>EUR 100<br>+                 |  |
| <b>Roll 7</b><br>-----<br>EUR 200<br>-----<br><b>Roll 8</b><br>-----<br>EUR 500<br>-----  | <b>Roll 7</b><br><input type="checkbox"/> Cash-in only<br><input type="checkbox"/> Surplus<br><input type="checkbox"/> Unfit<br><input type="checkbox"/> Suspect<br><input type="checkbox"/> Counterfeit<br>EUR 200<br>+                 |  |
| <b>Roll 8</b><br>-----<br>EUR 500<br>-----  | <b>Roll 8</b><br><input type="checkbox"/> Cash-in only<br><input type="checkbox"/> Surplus<br><input type="checkbox"/> Unfit<br><input type="checkbox"/> Suspect<br><input type="checkbox"/> Counterfeit<br>EUR 500<br>+                 |  |

Reset Values

Import


Export

Write

Force value

Erase Value

# Sicherheits-Konfiguration



**Device Selected SDM00389**

Delays | **Alarms** | Time Bands

**Actual configuration**

Withdrawal

| Delay (Seconds) | Amount |
|-----------------|--------|
| 0               | 10     |
| 0               | 11     |
| 0               | 12     |
| 0               | 13     |
| 0               | 14     |
| 0               | 15     |

Reservation permanence (Seconds)  
5

EmptyOut

Delay (Seconds)= 0  
Amount= 10  
Options= 0

Limitations

Delay (Seconds)= 900  
Amount= 2500

Input Limitations  
Delay (Seconds)= 1000

**Configuration to apply**

**Withdrawal**

| Delay (Seconds)                | Amount                          |
|--------------------------------|---------------------------------|
| <input type="text" value="0"/> | <input type="text" value="10"/> |
| <input type="text" value="0"/> | <input type="text" value="11"/> |
| <input type="text" value="0"/> | <input type="text" value="12"/> |
| <input type="text" value="0"/> | <input type="text" value="13"/> |
| <input type="text" value="0"/> | <input type="text" value="14"/> |
| <input type="text" value="0"/> | <input type="text" value="15"/> |

Reservation permanence (Seconds)

**EmptyOut**

Delay (Seconds)                      For amount not lower than


                            


Enable the usage of the same delays of withdrawal for emptying out


**Emptyout options**


Blocked rolls immediate empty for 10h from block


Blocked rolls immediate empty always possible


 Reset Values

 Import

 Export

 Write

 Force value

 Erase Value



# Fitness Statistik

All
None

2015

First

↻ Reload

Search

🔍

- AST00001
- AST00002
- AST00003
- CDS02232
- SDM00389
- SDM01422
- SDM01453

1 of 1
Find | Next

C-Link - Fitness statistics

Cima S.p.A.

## Fitness statistics

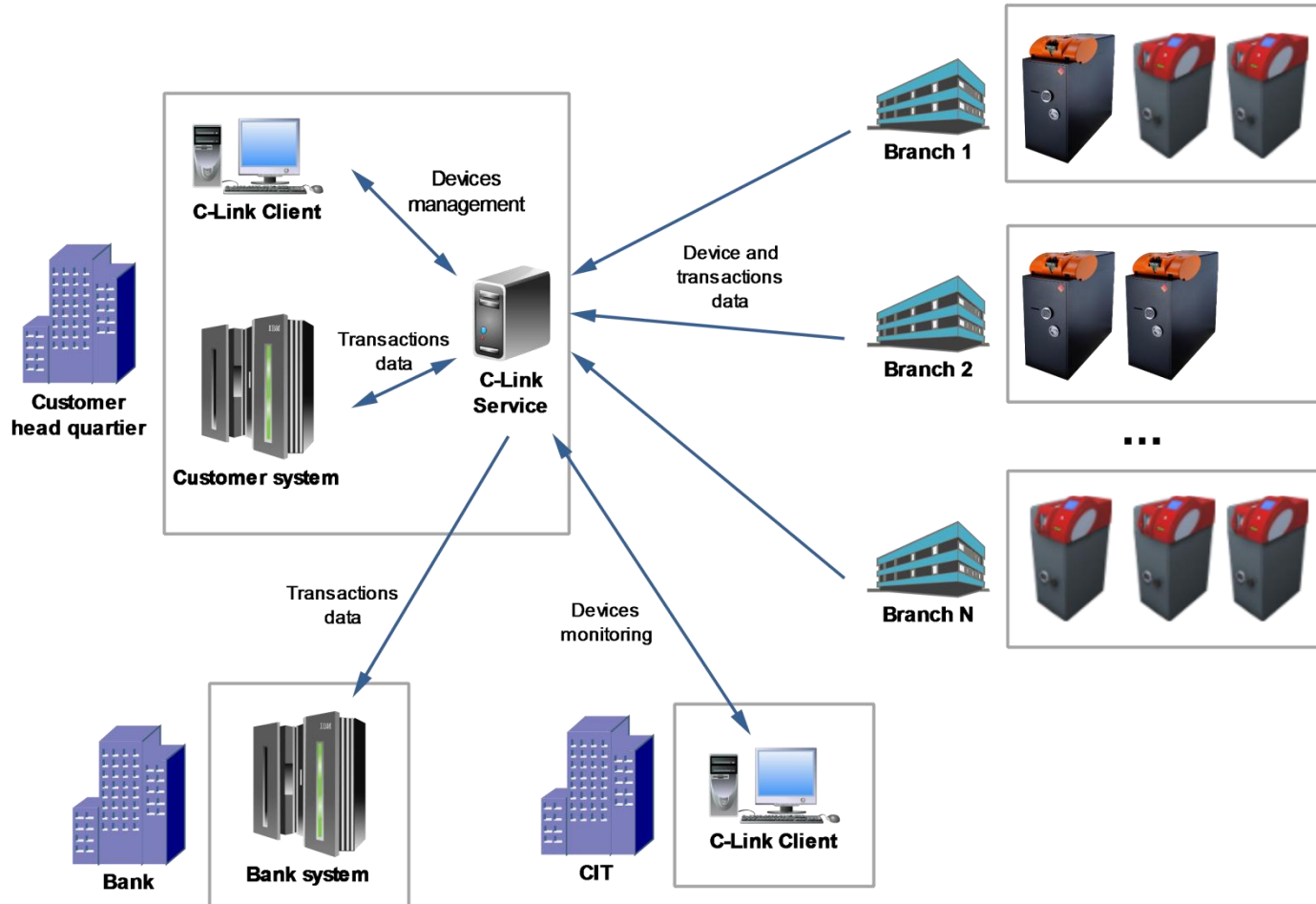
Device: AST00001 - AST00002 - AST00003 - CDS02232 - SDM00389 - SDM01422 - SDM01453

Device location: \

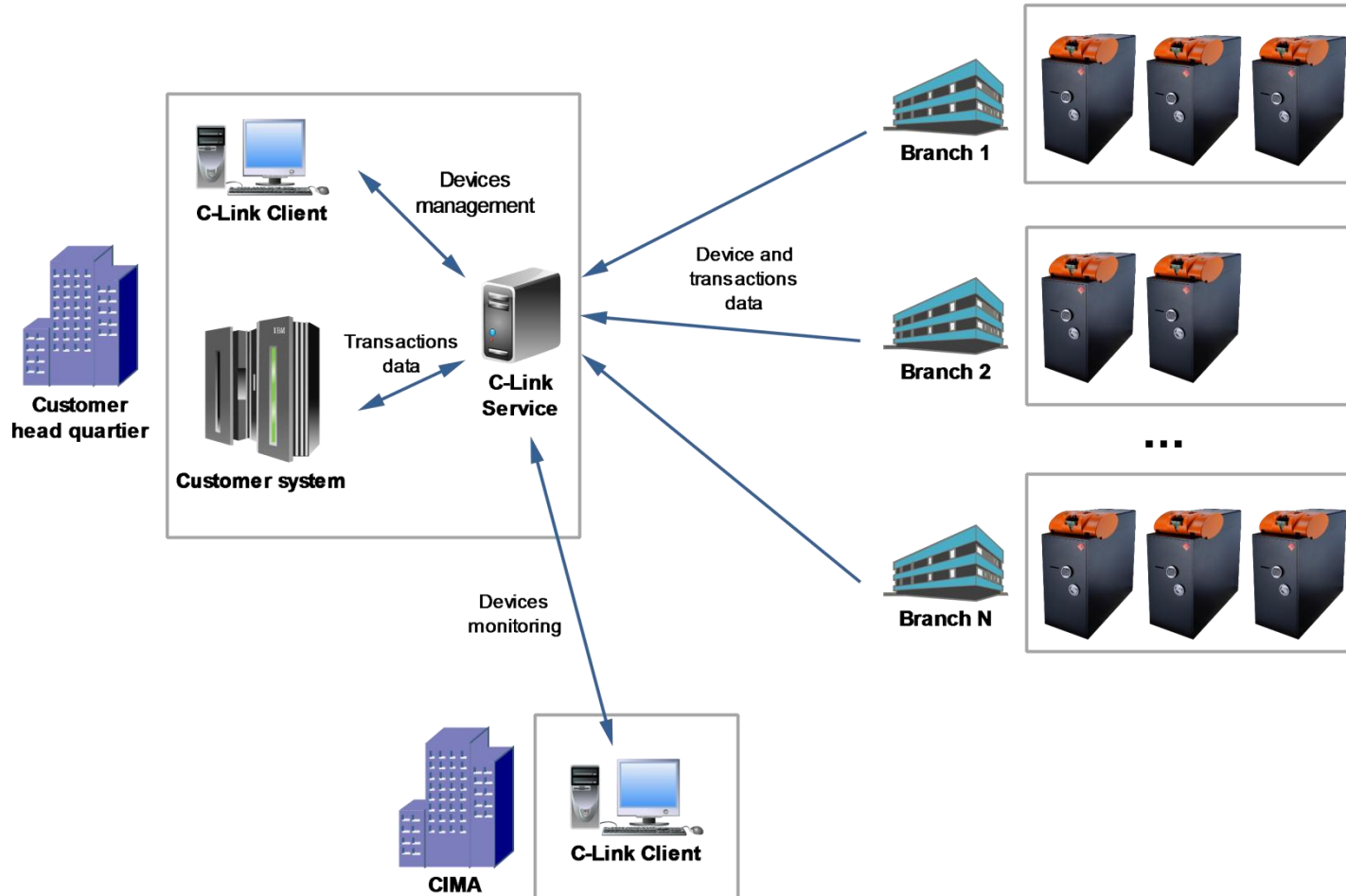
Period: First Semester 2015

| Source          | Type               | EUR 500 | EUR 200 | EUR 100 | EUR 50 | EUR 20 | EUR 10 | EUR 5 |   |
|-----------------|--------------------|---------|---------|---------|--------|--------|--------|-------|---|
| <b>Customer</b> | Cash-in (only FIT) | 0       | 0       | 0       | 0      | 0      | 2      | 6     | 7 |
|                 | Cash-out           | 2       | 2       | 1       | 10     | 12     | 30     | 32    |   |
|                 | Cash-in Unfit      | 0       | 0       | 0       | 0      | 0      | 0      | 0     |   |

# C-Link auf den Einzelhandel angewendet



# C-Link auf das Bankwesen angewendet



# Lizenzsystem

Lizenz abhängig von der Anzahl der Geräte bzw. Standorte



Lizenzabhängig von den aktivierten Modulen

